

Aptek UVIBOND 7100 Semi-rigid, UV-Curing Urethane Adhesive

Category : Polymer , Adhesive , Thermoset , Polyurethane, TS , Thermoset Polyurethane, Adhesive

Material Notes:

UVIBOND 7100 is an unfilled, one component, electrically insulating, transparent, semi-rigid urethane adhesive designed for bonding polycarbonate, ABS, glass and other various substrates. UVIBOND 7100 is fully curable when exposed to the proper UV radiation. U.V. curable for extremely fast production output; Semi-rigid for high strength bonds with a degree of flexibility; Low viscosity for easy handling and substrate wetting; Low ionic impurities for electrical/electronic applications; Thixotropic version available for doming and staking applications designated as APTEK 97034 Information provided by Aptek Laboratories, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aptek-UVIBOND-7100-Semi-rigid-UV-Curing-Urethane-Adhesive.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	ASTM D1475
Viscosity	4000 cP	4000 cP	ASTM D1824

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	Property taken 1 hr after U.V. exposure, 1/16" casting; ASTM D2240

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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